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(54) Title: COMPOSITIONS AND METHODS FOR siRNA INHIBITION OF HIF-1 ALPHA

(57) Abstract: RNA interference using small interfering RNAs which target HIF-1 alpha mRNA inhibit expression of the HIF-1 alpha gene. As HIF-1 alpha is a transcriptional regulator of VEGF, expression of VEGF is also inhibited. Control of VEGF production through siRNA-mediated down-regulation of HIF-1 alpha can be used to inhibit angiogenesis, in particularly in diseases such as diabetic retinopathy, age related macular degeneration and many types of cancer.

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| B. FIELDS SEARCHED | | | |
| Minimum documentation searched (classification system followed by classification symbols) U.S.: 435/375; 536/24.5; 514/44 | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | |
| Electronic de WEST, MEI | ata base consulted during the international search (na DLINE, BIOSIS, CAPLUS | me of data base and, where practicable, s | earch terms used) |
| | UMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where a | | Relevant to claim No. |
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| Further | documents are listed in the continuation of Box C. | See patent family annex. | |
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